

FIG. 5

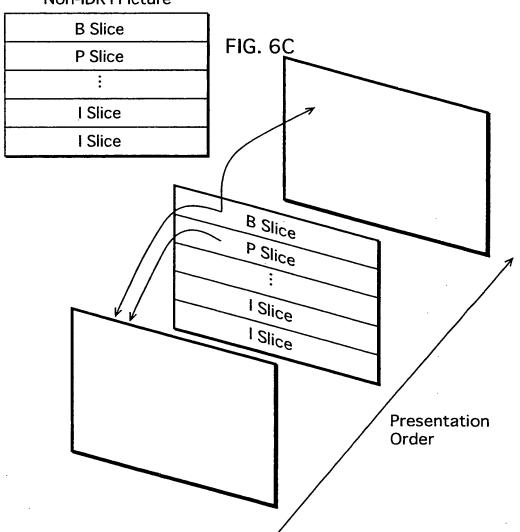
B P B B P <u>B</u> PBB В 8 8 B B P B B B P B B B B | ٦ В Ω 8 Θ Δ. 8 BBPBBP

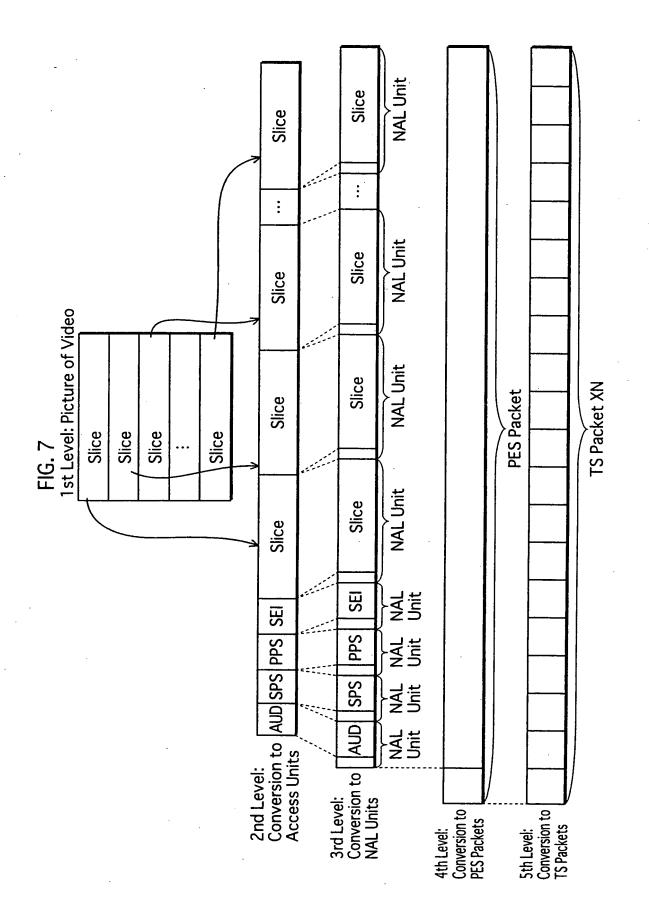
Movie (Video)

FIG. 6A IDR Picture in MPEG4-AVC

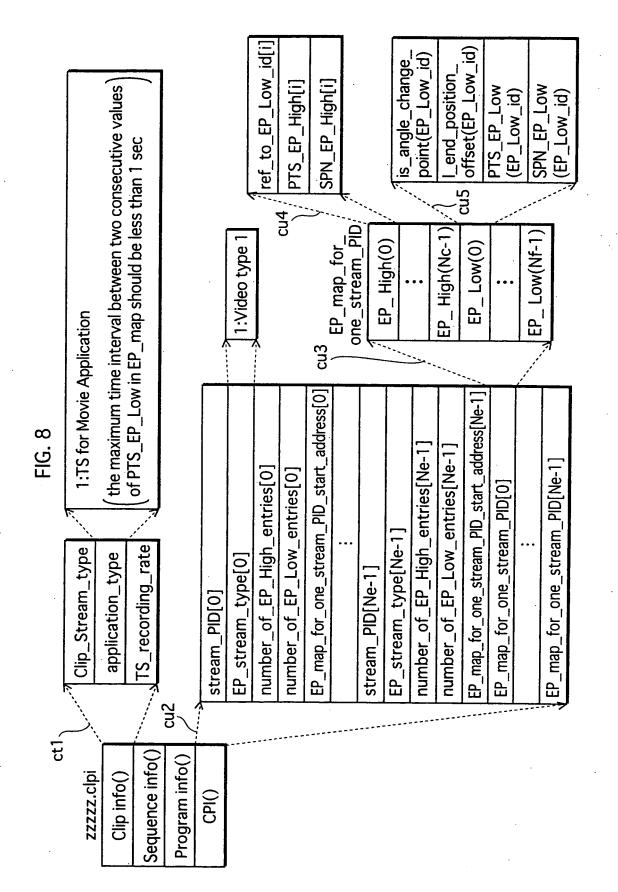
l Slice
I Slice
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l Slice

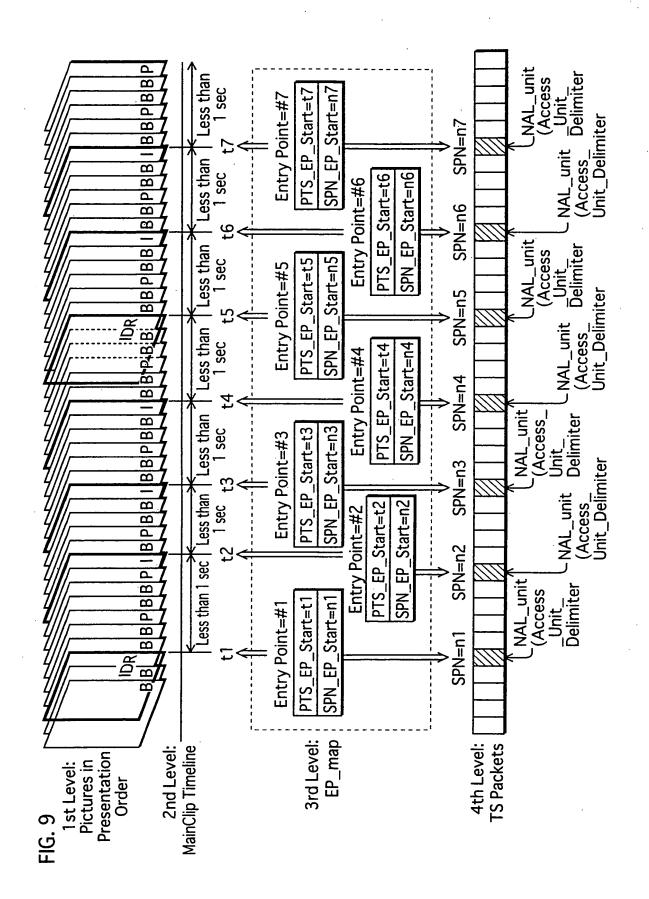
FIG. 6B Non-IDR I Picture



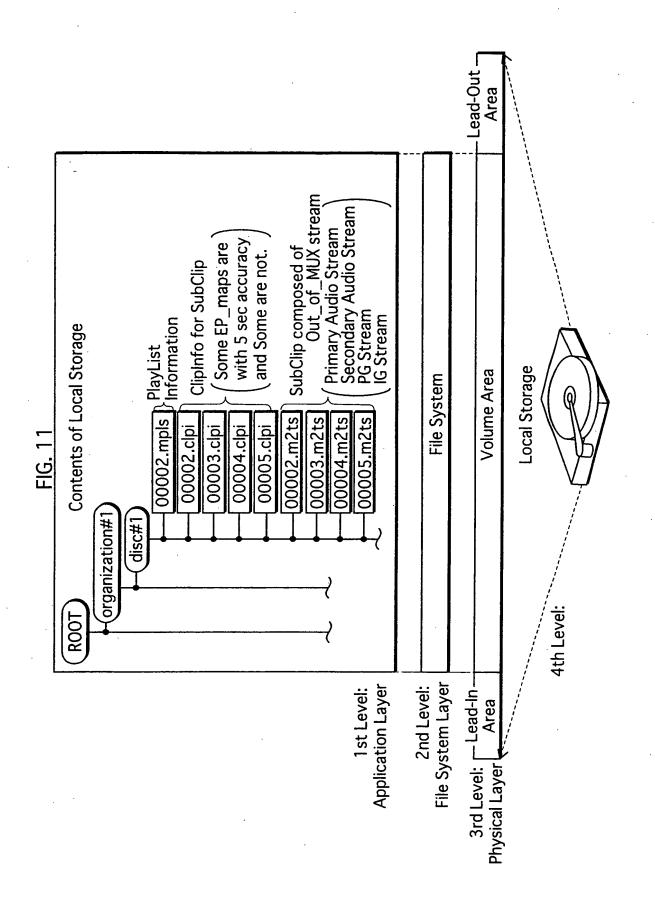


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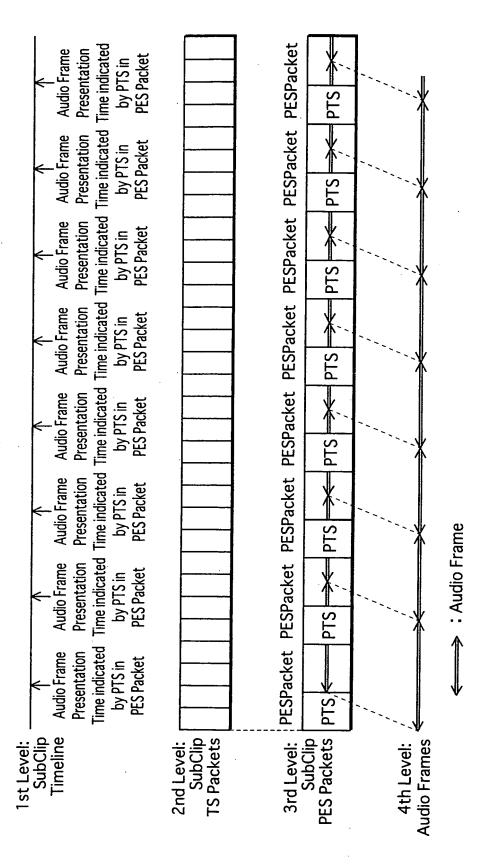


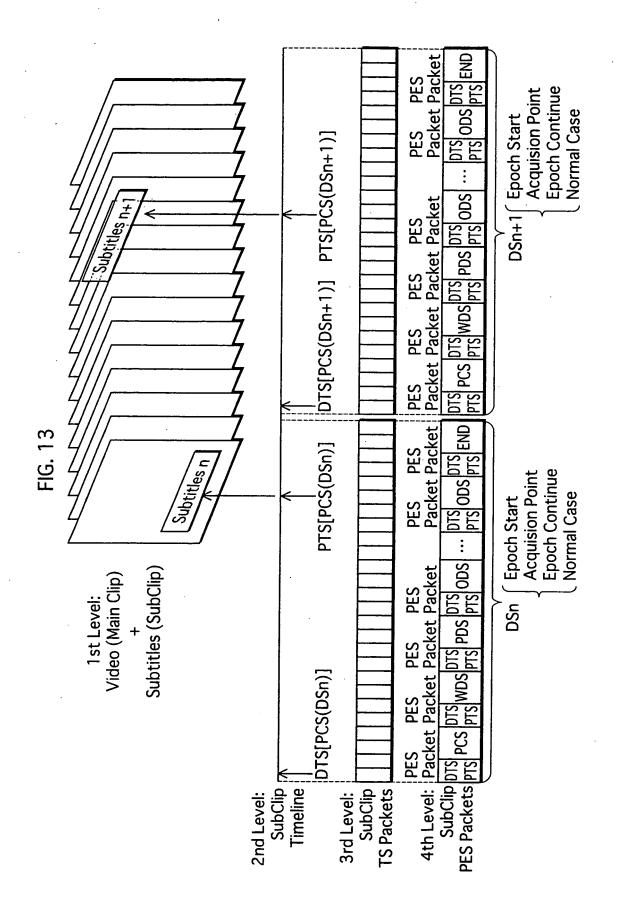
					•									
				-1)	•••	Common MSBs Common MSBs.	_Hign(A) = n1, n2, n3, n4	SPN_EP_	High_(A+1)	SPN_EP_  High_(A+2)				
				EP_High(0)∼(Nc-1)	•••	Common MSBs of PTS_EP	_Hign(A) = t1, t2, t3, t4	PTS_EP_	Hign(A+1)	P1S_EP_   High(A+2)				
FIG. 10				EP_		Reference Value to ref_to	= EP_Low_id(A)	ref_to_EP Low_id	(A+1)	Low_id (A+2)				
EP_Low(0)~(Nf-1)	•••	SPN_EP_Low LSBs of (i) = n1	SPN_EP_Low LSBs of (i+1) = n2	SPN_EP_Low LSBs of (i+2) = n3	SPN_EP_Low LSBs of (i+3) = n4	•••	SPN_EP_Low (j)	SPN_EP_Low (j+1)	SPN_EP_Low (i+2)		SPN_EP_Low (k)	SPN_EP_Low (k+1)	$\frac{\text{SPN} \text{ EP Low}}{(\text{K}+2)}$	•••
EP			= t2	= t3	= t4		_EP_Low (j)	_EPLow +1)	PTS_EP_Low (j+2)			EP_Low k+1)	EP_Low k+2)	
		is_angle_change_point (i)=1	is_angle_change_point (i+1)=0	is_angle_change_point PTS_EP_Low (i+2)=1 LSBs of (i+2)	is_angle_change_point PTS_EP_Low (i+3)=0 LSBs of (i+3)		is_angle_change_point PTS_EP_Low (j)=0	is_angle_change_point PTS_ (j+1)=0 (j	is_angle_change_point (i+2)=0	•••	s_angle_change_point PTS_EP_Low $(k)=0$	is_angle_change_point PTS_ (k+1)=0	is_angle_change_point PTS (k+2)=0	

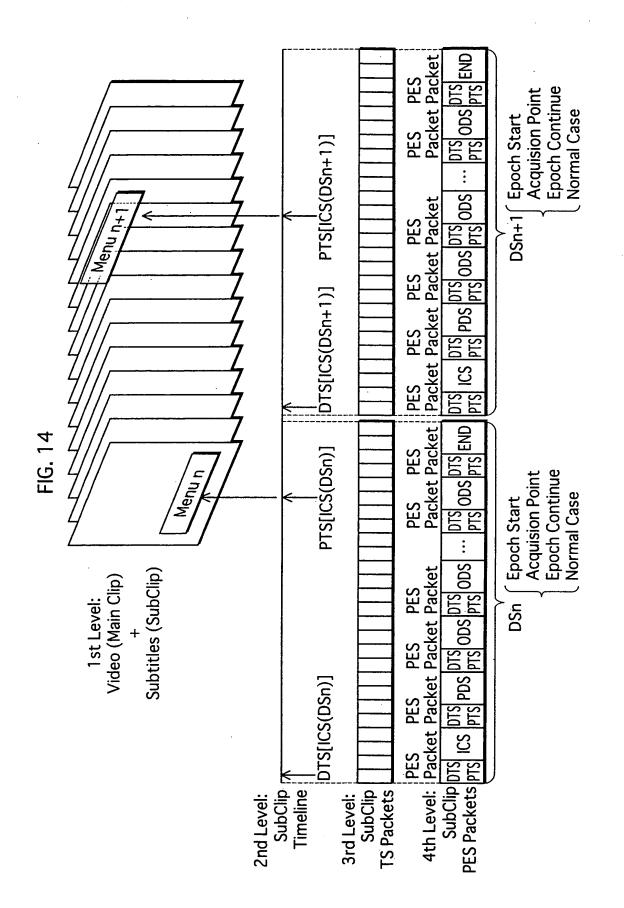


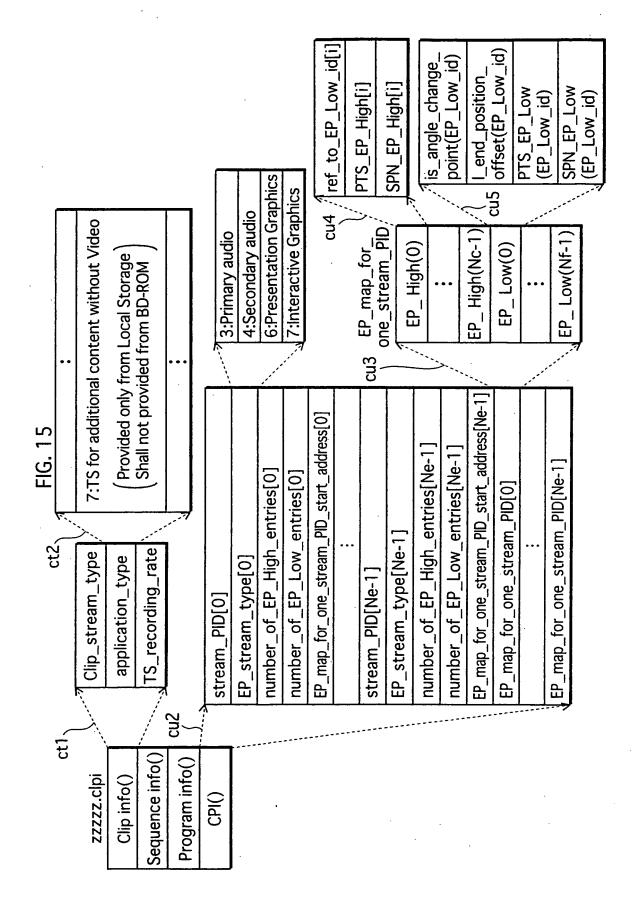
43

FIG. 12

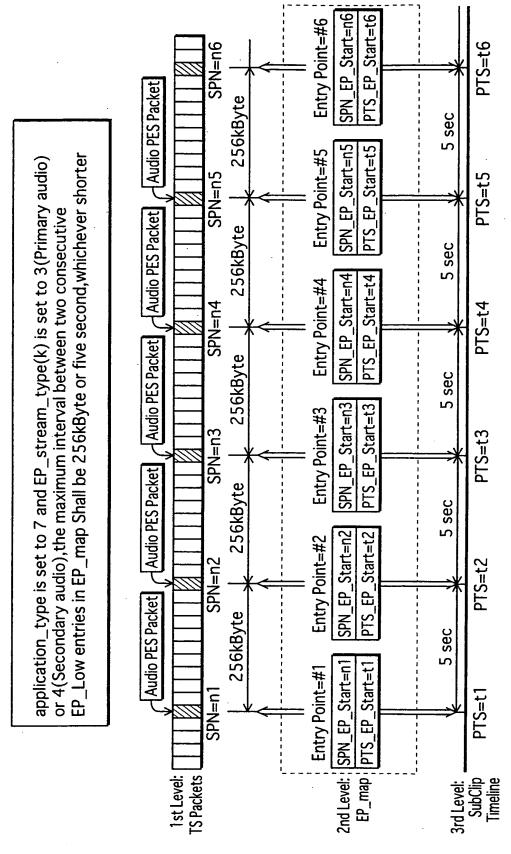


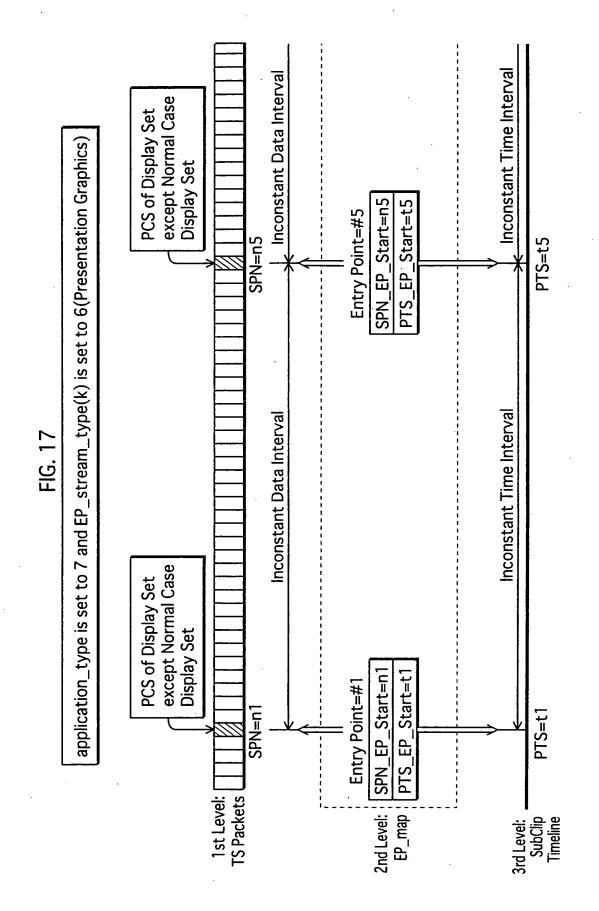


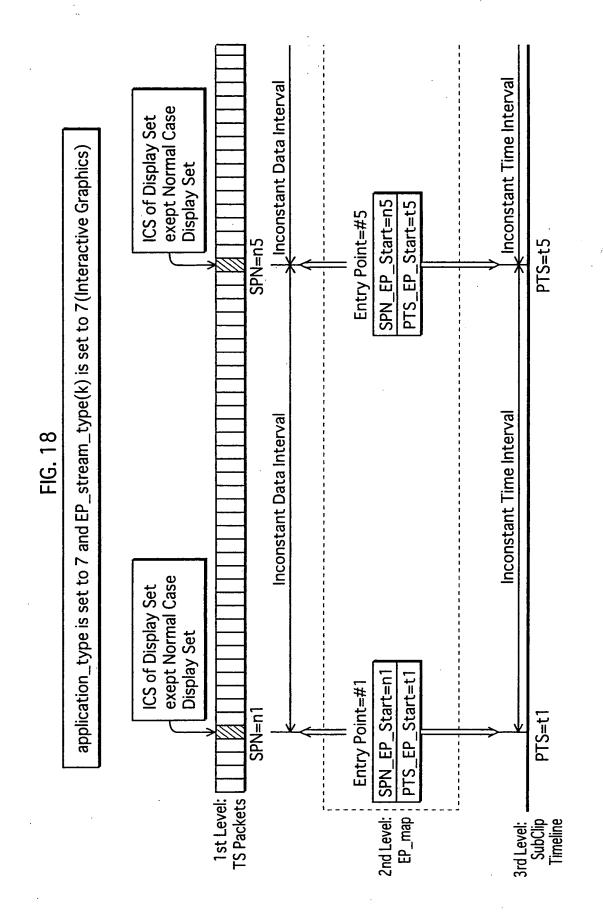


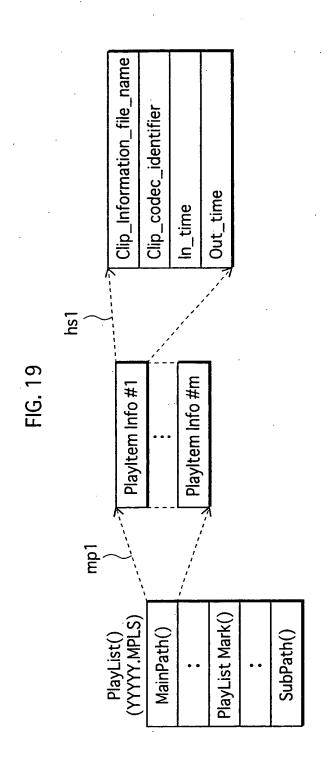




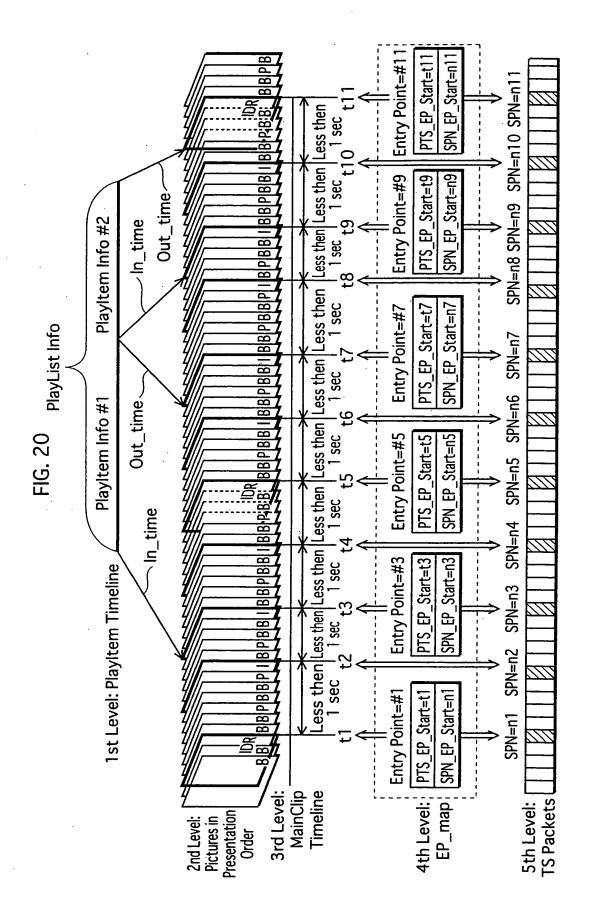








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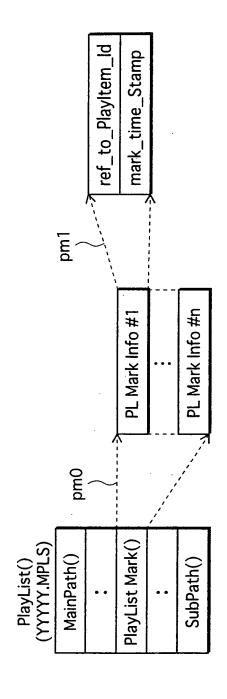
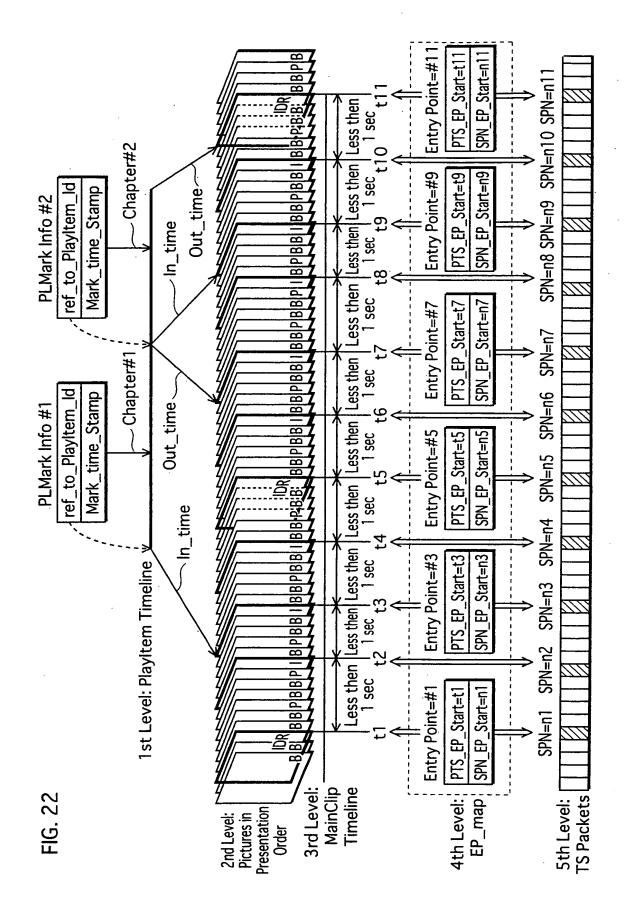
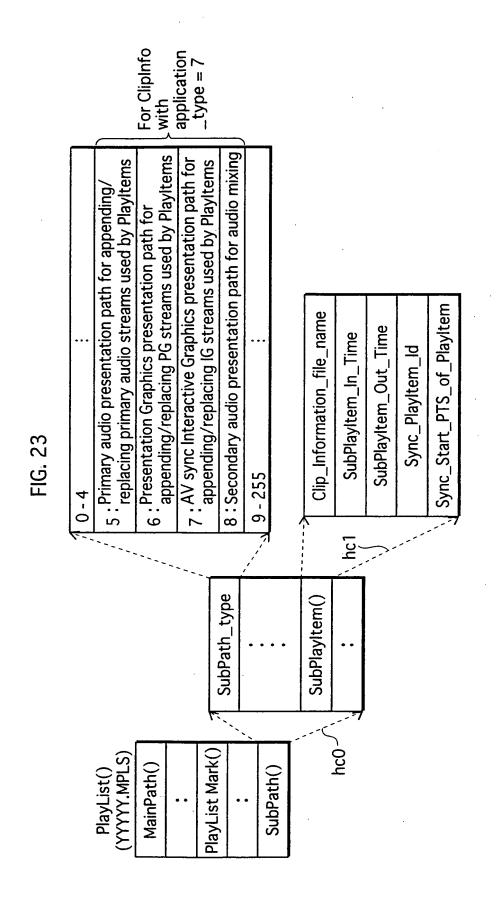
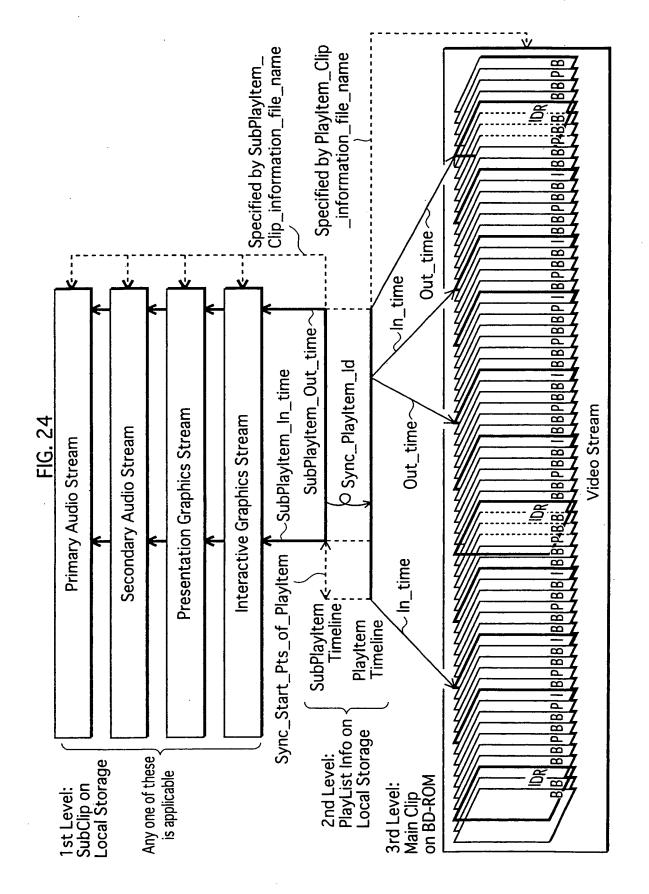
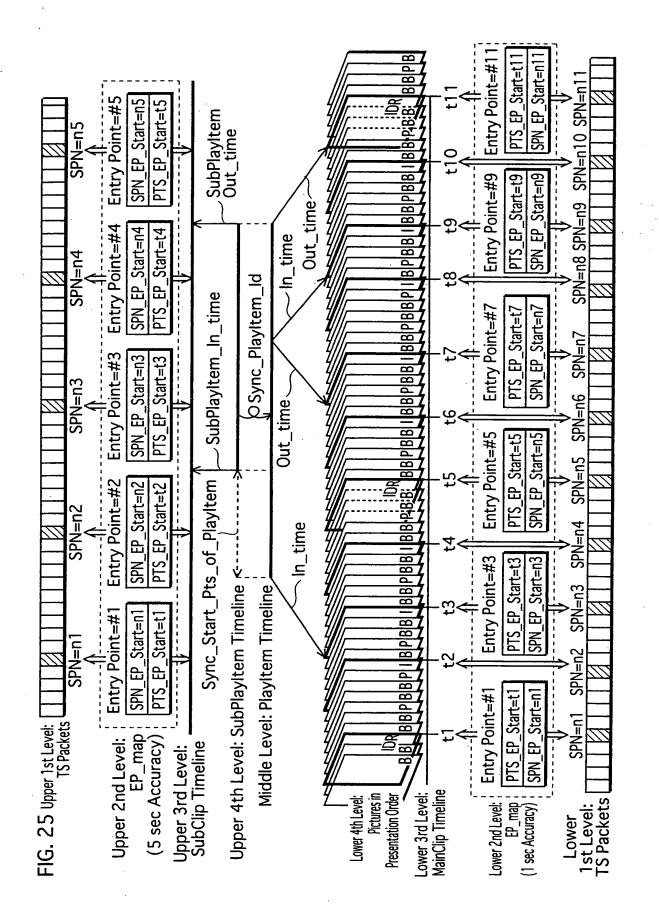


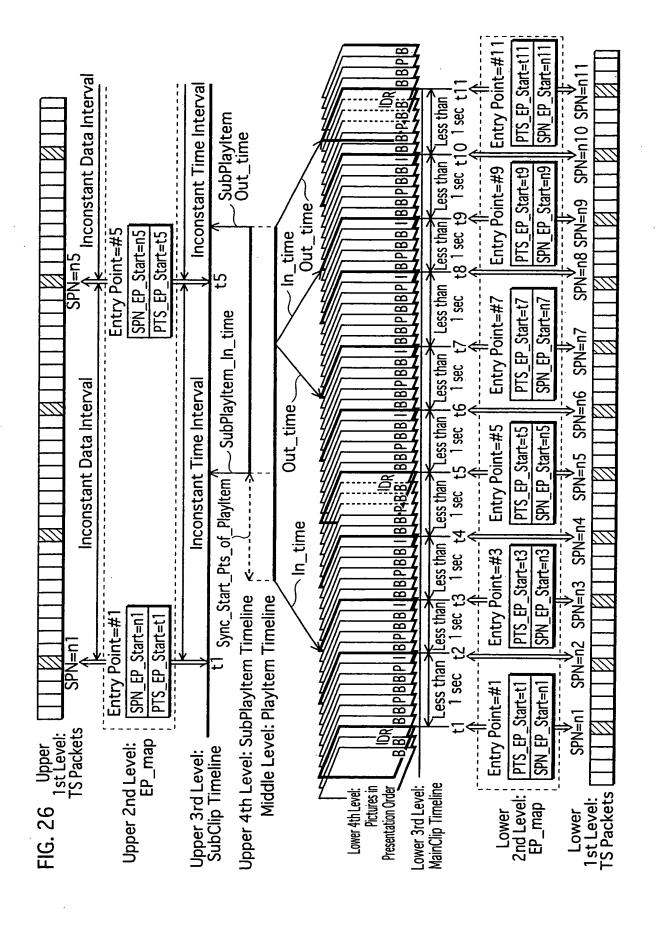
FIG. 21





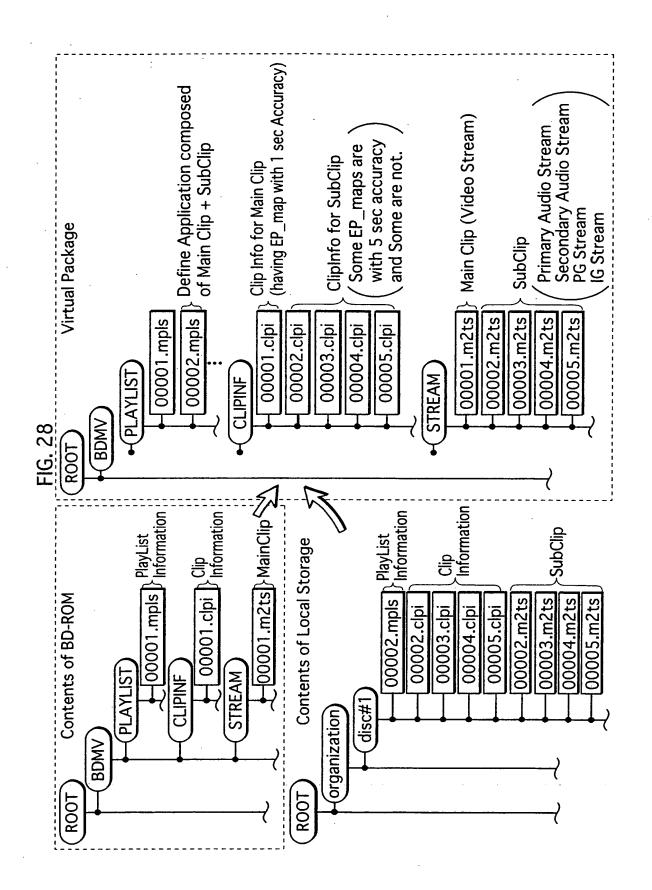


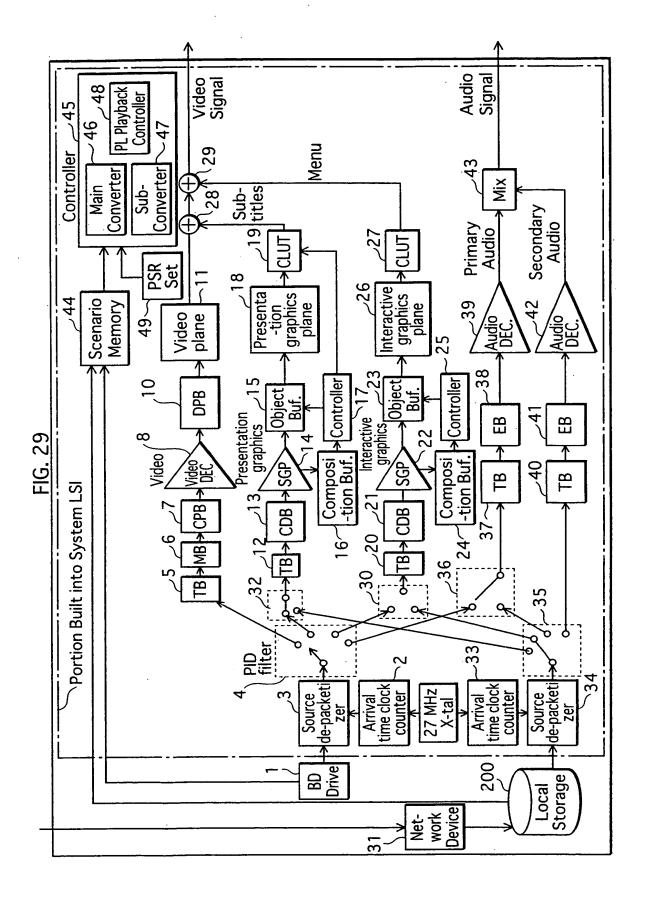


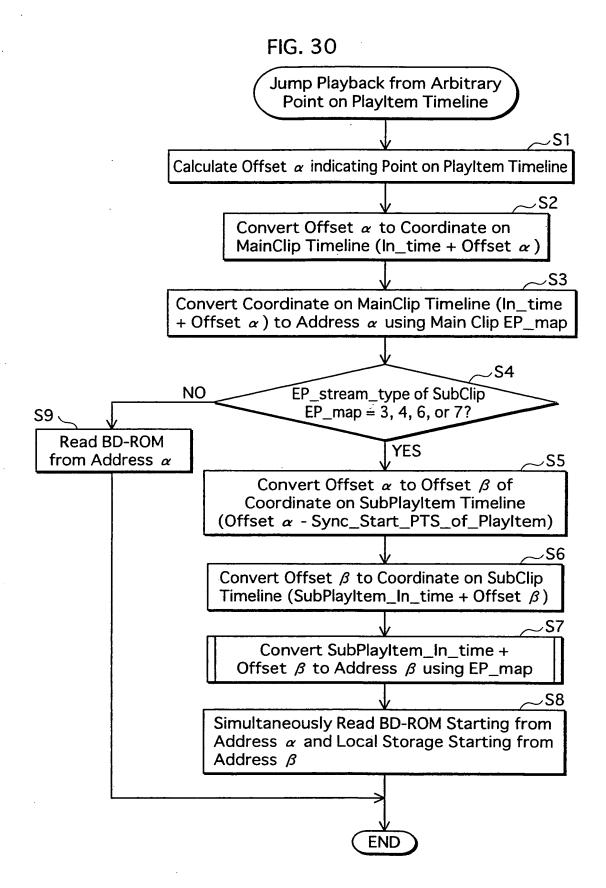


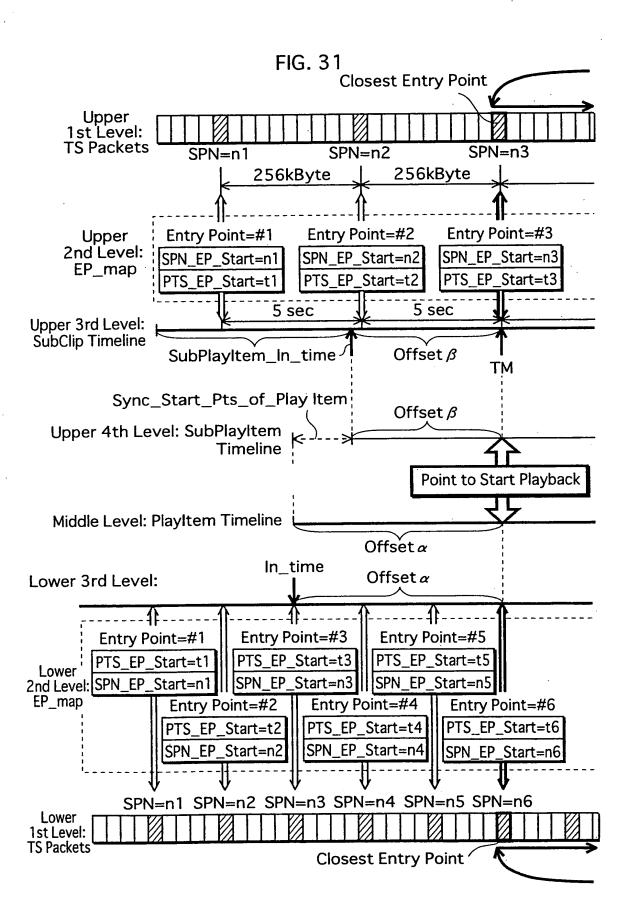
## FIG 27

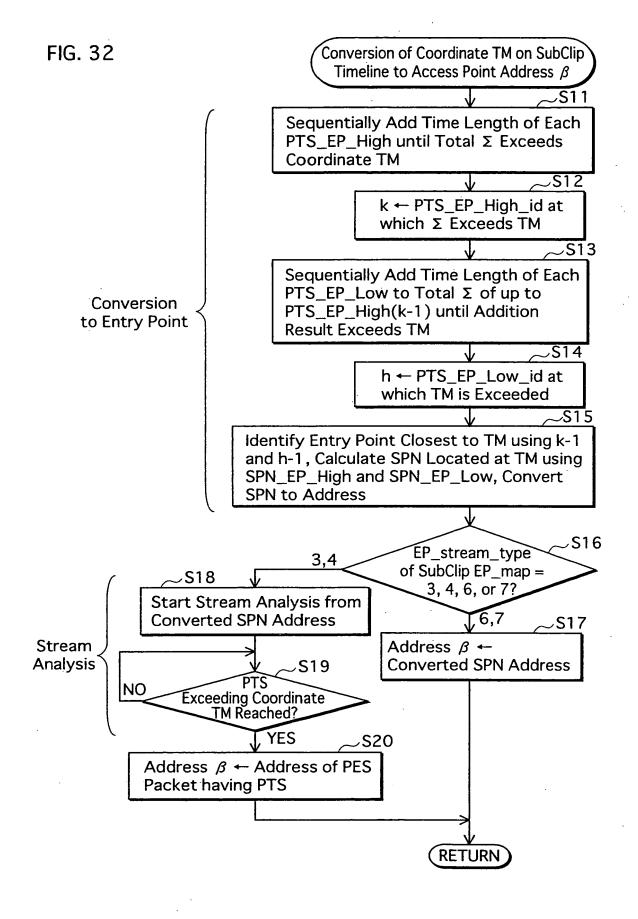
SubPlayItem. SubPath_type	Clip_Info. Application_type	CPI.EP_Stream_type
5:Primary audio presentation path for appending/replacing 7:TS for additional Content 3:Primary audio streams used by PlayItems	7:TS for additional Content Without Video	3:Primary audio
6:Presentation Graphics presentation path for appending/replacing PG streams used by PlayItems		6:Presentation Graphics
7:AV sync Interactive Graphics presentation path for appending/replacing IG streams used by PlayItems		7:Interactive Graphics
8:Secondary audio presentation path for audio mixing		4:Secondary Audio











	PTS_EP_High[k]	k:PTS_EP_High[id] at which r Total Time Length of r PTS_EP_High First Exceeds TM	PTS_EP PTS_EP PTS_EP LOW -Low -Low [h-1] [h]	h:PTS_EP_Low[id] at Random which Total Time Access Point	Length of PTS_EP_ I Low First Exceeds TM \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Identify Packet being Random	Access Point through PTS Analysis	: PES Packet
FIG. 33	PTS_EP_High[k-1]		t t t t t t t t t t t t t t t t t t t						
<del></del>	• •		6 6 7 2 8 9			. t <sub></sub>		•	
	PTS_EP_High[0]								
	1st Level: PTS_EP _High		2nd Level: 7 PTS_EP _Low		,	3rd Level: Main Clip /SubClip	·		

 $\mathbb{C}^{\ast}\mapsto$ 

	PTS_EP_High[k]	k:PTS_EP_High[id] at which Total Time Length of PTS_EP_High First Exceeds TM	PTS_EP PT	h:PTS_EP_Low[id] at Random which Total Time Access Point	Low First Exceeds TM PCS/ICS		Identify Packet being Random Access Point without PTS Analysis
FIG. 34	PTS_EP_High[k-1]		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
_	•		1 f t t t				
	PTS_EP_High[0]						
	1st Level: PTS_EP _High		2nd Level: PTS_EP Low		į	3rd Level: Main Clip /SubClip	

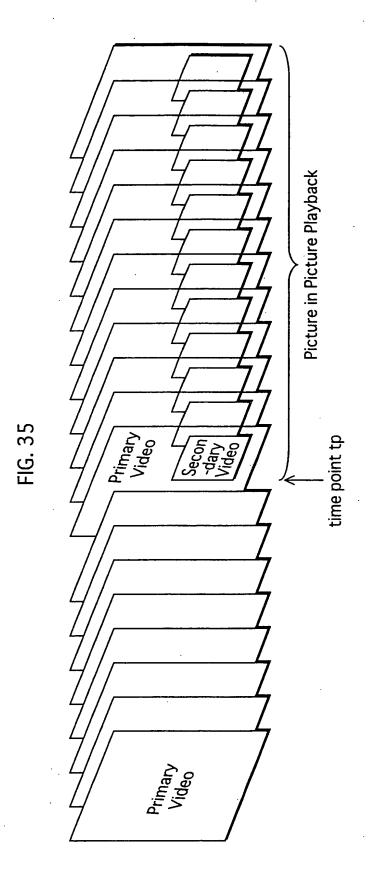


FIG. 36A

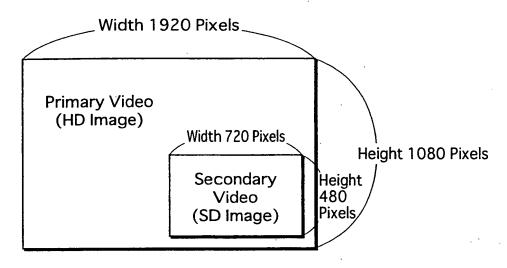
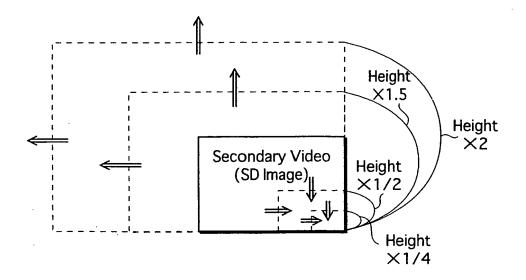
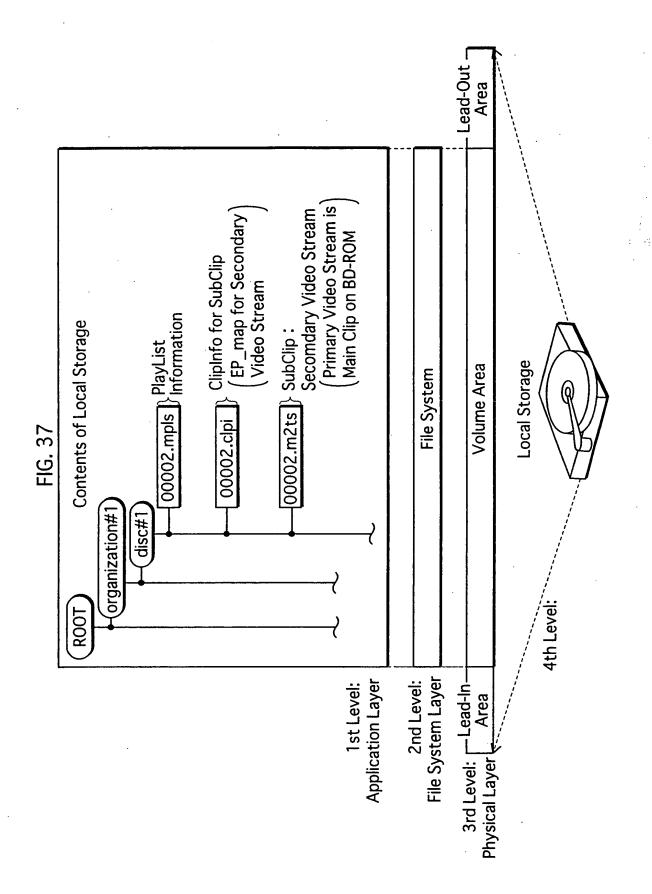
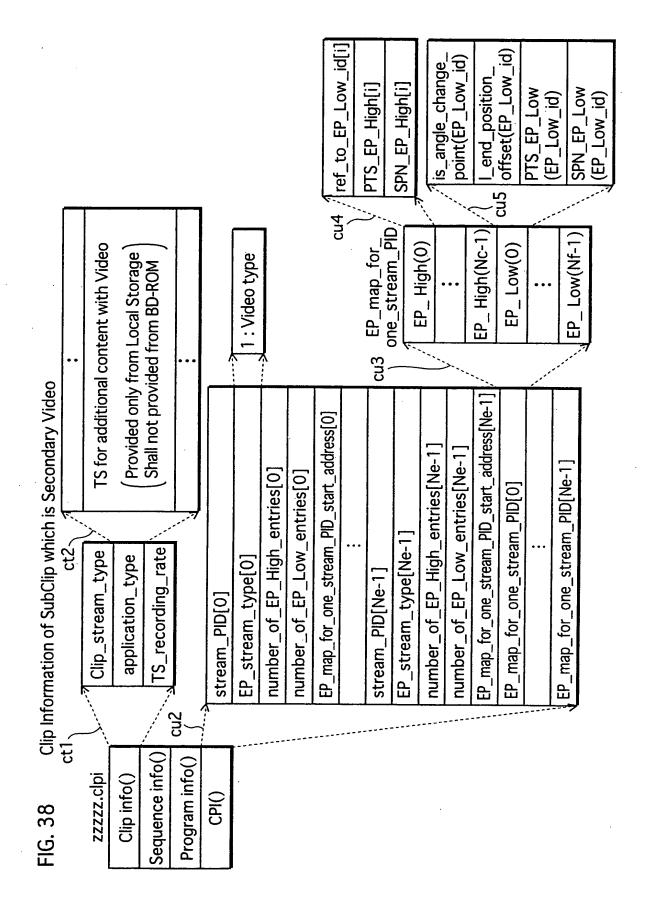


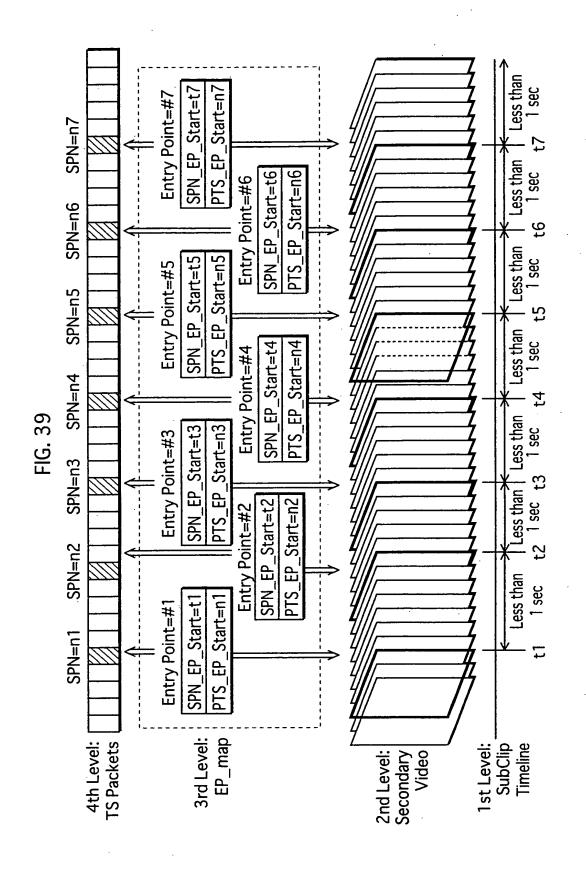
FIG. 36B

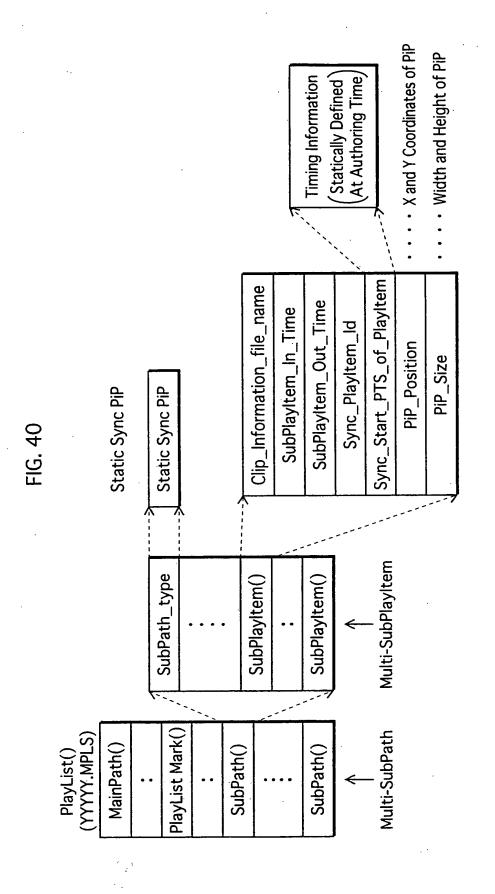


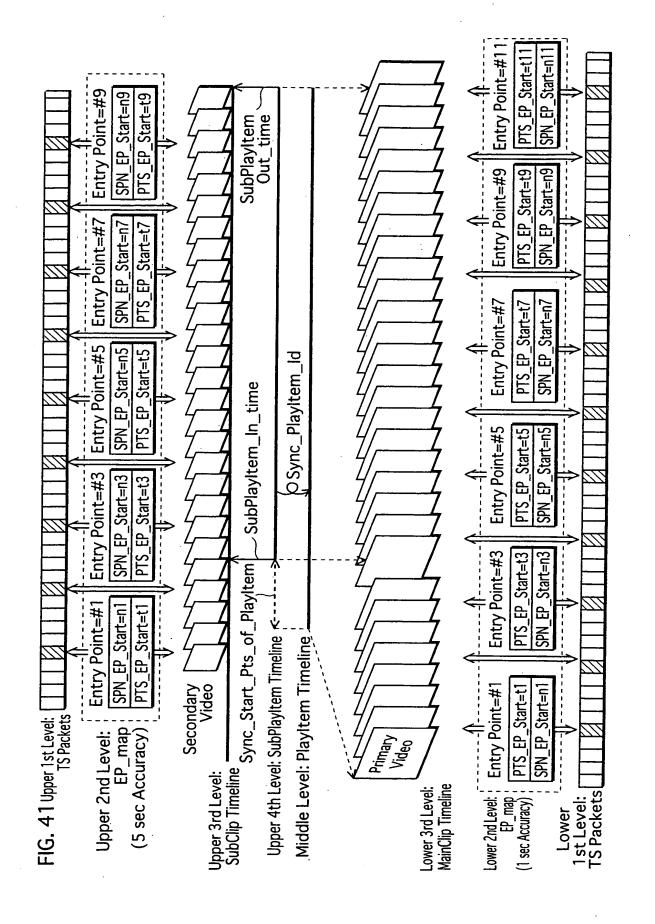


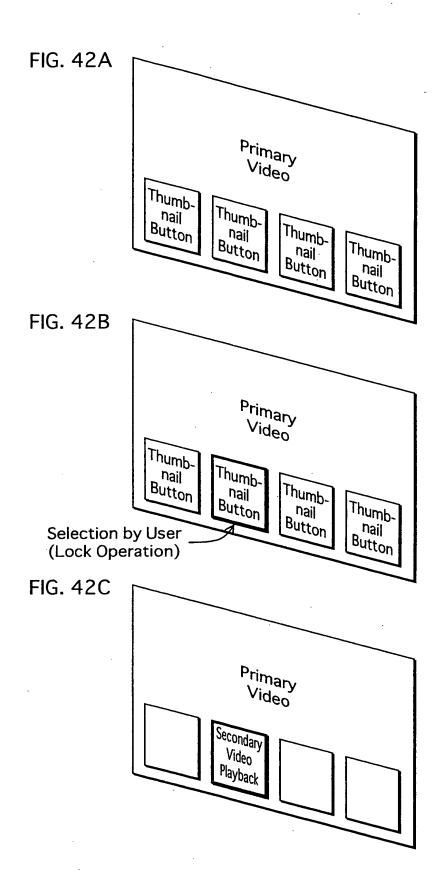
40.

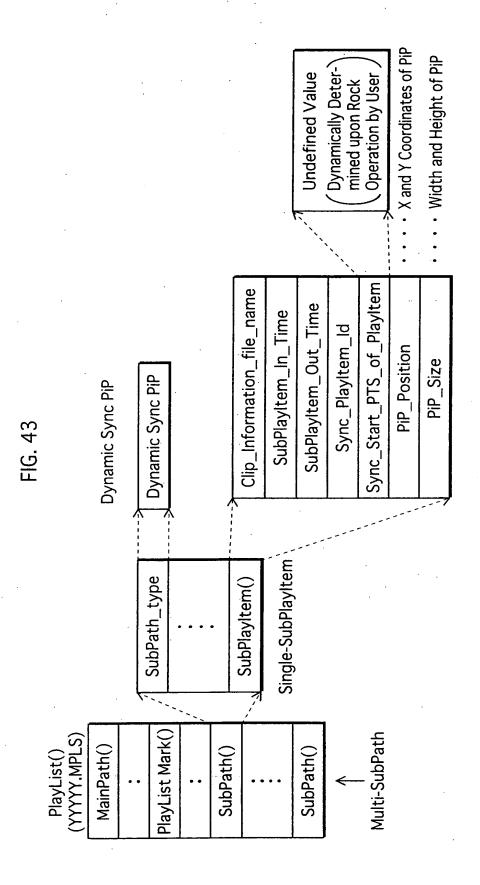


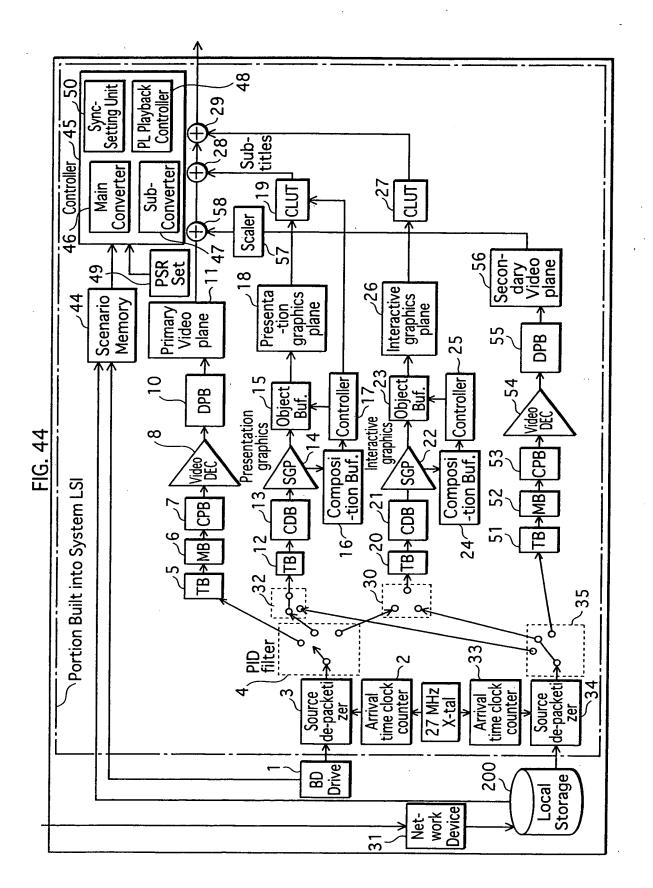


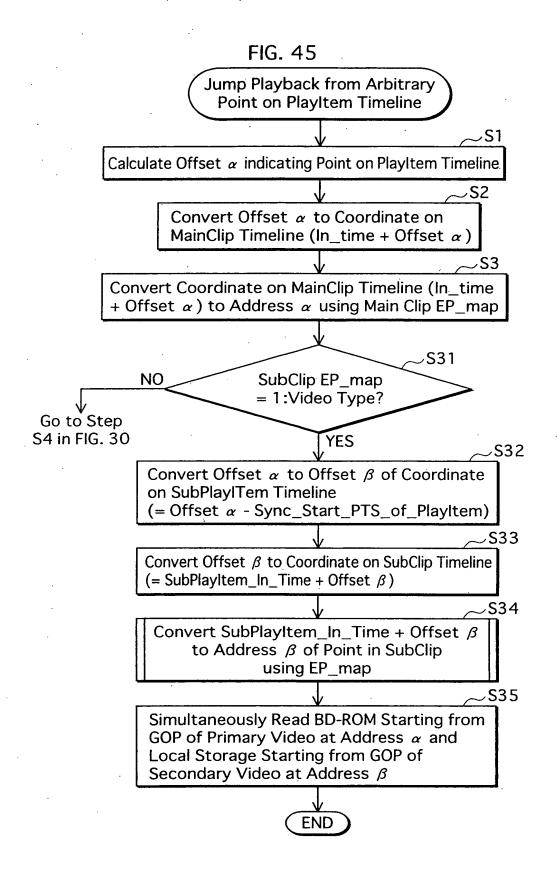




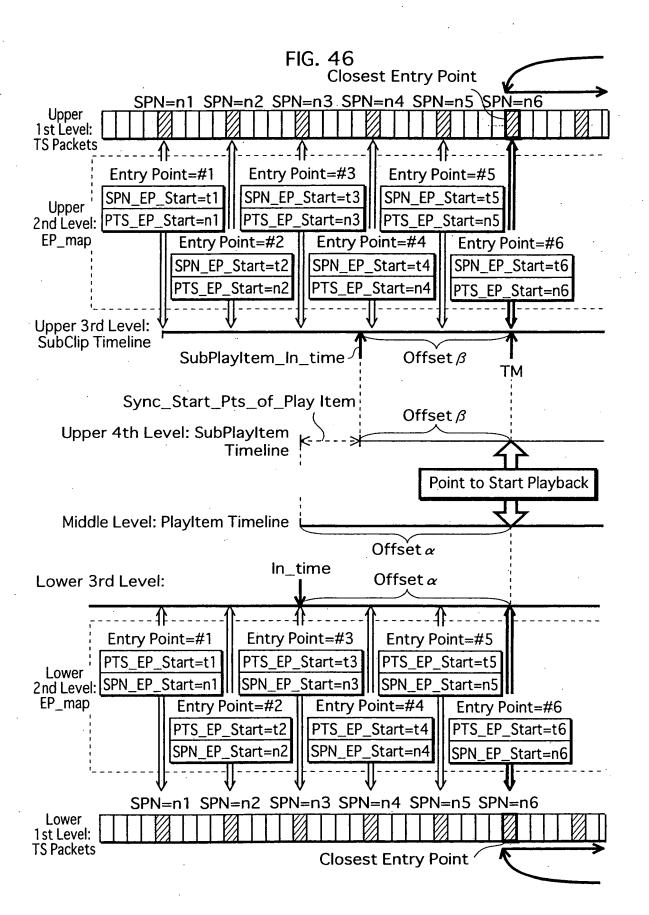








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